Trainslation

RCs'd PCT/PTO 27 JUN 2005



PATENT COOPERATION TREA



PCT

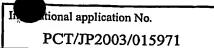
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

	(I OI ALLIC	te 30 and Rule 70)	
Applicant's or agent's file reference A6965PCT	FOR FURTHER	ACTION	See Form PCT/IPEA/416
International application No. PCT/JP2003/015971		date (day/month/year) 2003 (12.12.2003)	Priority date (day/month/year) 27 December 2002 (27.12.2002)
International Patent Classification (IPC) or n G06F 17/50			27 December 2002 (27.12.2002)
Applicant	RI	KEN	·
This report is the international prelim			
Authority under Article 35 and trans	ninary examination re mitted to the applican	port, established by this taccording to Article 36	International Preliminary Examining
This REPORT consists of a total of This report is also accompanied by A	3 sheet	s, including this cover sh	neet.
The report to also accompanied by A			
a (sent to the applicant and	to the International B	ureau) a total of	sheets, as follows:
sheets of the descr and/or sheets conta Administrative Ins		drawings which have be uthorized by this Author	en amended and are the basis of this report ity (see Rule 70.16 and Section 607 of the
sheets which super beyond the disclos Supplemental Box.		ut which this Authority al application as filed, a	considers contain an amendment that goes s indicated in item 4 of Box No. I and the
			e and number of electronic carrier(s))
readable form only, as ind Administrative Instructions	licated in the Suppler	ining a sequence listing mental Box Relating to	and number of electronic carrier(s)) and/or tables related thereto, in computer Sequence Listing (see Section 802 of the
4. This report contains indications relation	ng to the following ite	ems:	
Box No. I Basis of the rep	ort		
Box No. II Priority			
Box No. III Non-establishm	ent of opinion with re	gard to novelty inventiv	e step and industrial applicability
Box No. IV Lack of unity of	invention	o and the state of	e step and mudshiai applicatinty
Box No. V Reasoned staten	nent under Article 35(planations supporting	2) with regard to novelty	, inventive step or industrial applicability;
Box No. VI Certain document	and and and and	such statement	
Box No. VII Certain defects i	n the international ap	plication	·
	ions on the internation		
Date of submission of the demand		Date of completion of t	his report
08 January 2004 (08.01.2	004)		ay 2004 (20.05.2004)
Name and mailing address of the IPEA/JP		Authorized officer	- , - ,
Facsimile No.		Telephone No.	

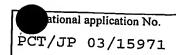






Box No	I Basis of the report	
1. With other	regard to the language, this report is based on the international application in the language in which it was filed, unless wise indicated under this item.	
	This report is based on translations from the original language into the following language which is language of a translation furnished for the purpose of:	,
1	international search (under Rules 12.3 and 23.1(b))	
	publication of the international application (under Rule 12.4)	
1	international preliminary examination (under Rules 55.2 and/or 55.3)	
	, and the second se	
	regard to the elements of the international application, this report is based on (replacement sheets which have been the do the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed re not annexed to this report): The international application as originally filed/furnished	1
	the description:	
	narrec	
	pages*, as originally filed/furnish pages*, as originally filed/furnish	ıed
	pages* received by this Authority on	
	the claims:	
l L		
	pages, as originally filed/furnish	
	pages*, as amended (together with any statement) under Article pages*, as amended (together with any statement) under Article	19
	pages* received by this Authority on	
	the drawings:	_
	nages	
	pages*, as originally filed/furnish received by this Authority on	ed
	pages* received by this Authority on	
	a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.	
. [
3	The amendments have resulted in the cancellation of:	
	the description, pages	
	the claims, Nos.	
	the drawings, sheets/figs	
	the sequence listing (specify):	
	any table(s) related to sequence listing (specify):	
4.	This report has been established as if (some of) the amendments annexed to this report and listed below had not been nade, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box [Rule 70.2(c)]. the description, pages	
	the claims, Nos.	
	the drawings, sheets/figs	
	the sequence listing (specify):	
	any table(s) related to sequence listing (specify):	-
* If item	4 applies, some or all of those sheets may be marked "superseded."	
	CIDE A MOO (D N. D. C	ļ





Statement			
Novelty (N)	Claims	· 	YES
	Claims	1-15	NO
Inventive step (IS)	Claims		YES
	Claims	1-15	NO
Industrial applicability (IA)	Claims	1-15	YES
	Claims		NO

Citations and explanations

Document 1: Yasuaki Ikazushi et al., "V-CAD Data wo Chokusetsu Riyou suru Nijigen no Nin'i Keijou Nagareba no Suuchi Kaiseki", Riken Symposium Ronbunshuu, Mono Tsukuri Jouhou Gijutsu Tougouka Kenkyuu (Dai 2 Kai), 18 September 2002, pages 107 to 120

Claims 1 to 15

Document 1

Document 1 sets forth a method for numerical analysis of arbitrarily-defined shaped flow fields of noncompressive viscous fluid, characterized by the application of the cut cell finite volume method together with the VOF method to the boundary of the flow field.